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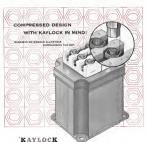
MARCH 3, 1958

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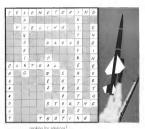
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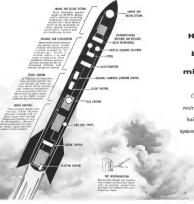
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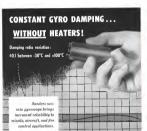
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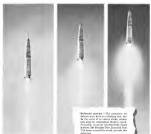






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Arrefesh's defense is goining more than part
a highly successful mustle. The course conpletely equipped with a Dougles-engineered support system that is investigately ready for field operators. No hand-tooled prototype, the Ther test models freed for Air Fure acceptance are built with most production tooling. As a result, sensulation of Ther on a volume basis begon, the mantle Air Force approval was given. At the same time the selecter-influtery sufficient team which cooperated in developing. The resided the incorporate systems required Ing. Is mobiling, training and parts replacement. Buth theoregimens in typical of Douglas when 18,000 mention of all types have been preduced since 1841. In fast, Douglas is the celly U.B. manufacturer to have developed ministic systems in all categories, parts test, parts of the complete systems of the categories surface. And Douglas has an occurations of country exercise exercises as the U.B.





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Defense Contracts Spur 1958 Sales

The aviation industry will hit a level of between \$11 and \$72 billion in gross rescames for 1958. A sharp and steady unturn in Delense Desertment contracting for air-

ing the next mine months will result in major increase, consent in the 70000 color picture sold. prospects even brighter for 1959 Industry externd 1956 but Jacoby with a of which a second \$1 billion total were for commercial coders. Commercial sales for 1957 also year to a second \$2 Lifting for same than

18% of the total undustry sense possesses. Industry sicture, which darkened comiderable derive the formulal breaking in the Postown but reveree will also brighten during the remainder of this year on a result of the Viscal 1959 Defense December & Society and urredemental aumouristicas already undercoine congressional approval for the remainder

Breakdown of military spending for 1958 indicates the following: . \$6.9 billion for sircraft, engines, air-

. \$3.3 billion for missiles and related equipment, including aviones and ground handling equipment. . 82.2 killion for research and development, the hulk of it devoted to aircraft, mic-

siles, avionic equipment and space tech-· 8860 million for ground-based aviguis and communications equipment

 \$368 million for production facilities. COMMERCIAL OUTLOOK close to \$1 billion is transport deliveries with the first electricist increment of Assert can built are tarbine neward transports seach. ine airline customers during 1958; about \$800 dies 1973 tunde seles reles fleroria el mollier line in maintenance, overhead, fuel and overa-

In the key military market that accounted for 82% of the tadastra's green resources for 1957, there will still be some effects felt of the conduction contrada and stort-hours beffered the Soviet Spatrillo took to their orbits, and the industry will have to bettle valuetly against farther stromeslation by confliction and demoninc exercises in acceptance regulations of it is

METTARY SPENDING missile over a 4,000 mi, rosser and the hundry prints, the lid has been lifted from military mendage in the nerial versions recommend 76% during the first six months of 1958 care the last half of 1957. Contraction during the but held of 1998 will be more than 2005. Makes than the same period in 1957, making the total for 1958 new contracting to the husbest level

In addition to taken the brokes off a realtitillias dollar proporressent reservoir almady an additional \$1.2 billion new being approved by Common as a Forcal 1958 symplemental to with industry by the end of the 1958 fiscal year

An always, the future prospects of the aviation industry and its palented nechnologies that also will mortend major business shifts. Major research and development effort is now realt (WS-110A sheroical faciled Mach 3 bember and WS-125A molear powered already through hallintic relamber, defensive retailless and space technology. How fast sudmidual Arres in the industry develop capabilities in weapon system meanetr down to supplying the

There umbably will be fewer major wrongs makers developed and analysed but there are tern will be infeitely more corroley and ers in production. They will receive much larger combinations of technical and imbatrial technology to undertake encounfully the more pary research and development to being them

The prestacular nace of this collowing techrelays is demonstrated by the fact that hallinger below boiled on the "ultimate" weapons, our now clearly last a transferry phase of new necessary development with weath more condtrated and effective presents such as our loreshed mostles, the hypersonic clide bomber, nest on the Moon already in the restarriy and

SPACE TECHNOLOGY MEED

by an expension that while hallingly missiles our development code the development of some technology to administry enable rose to evalue and mafelly utilize the west maches of ceter some will neelably be a major occursmon of the aviation industry and its related In the william market it is along that

manned arreraft will continue to provide the water needles of rates during 1958 with remolles along to about 30% of the total revenues. However, by the end of 1958, missile orders subtury order buckley. It is clear that missiles will not embor mount decody rurn in the county transfery share before married rance fluit, log that missiles and married vehicles will restlere to symplement each other in the rusal but is developing for the future is the vii cases whose utilizing either a chemically or nucleus fueled sugmed vehicle to tenement 1000Ms to an altitude and reporfrom the target that will enable them to do their ish without the tremendous first some emploration of some many the riset rocket

resistance capellate; after that put a rear pute many and house him back safely, then the resurged space station and, finally, establish-Looking to other phases of the existion year. the paradox of circus teeffs and powerses combining with dentically reduced makes. One of the big bettleureks to future air traffic exactcom will not once drawn 1970. Then is the

subscribes of the correct air traffic control ava-But this problem new Incess secondary to that of Allies the restle exceeded siding and canacity bath is demostic and international service. Haltier the deservard trend of load

The first impact of the jet transport one will be felt in 1958 with not work industries has achieve or the ottes to be served have done much to handle the many operational, audines should gress over \$2 billion in 1958 but will getein a smaller portion as net thus

with sales of jest over \$100 million in new sizes to far 1957 and property for a sturbt in-

crease in this dellar volume for 1958 In the face of a generally increasing gross process all norments of the probatry will feet the spectre of government policies and remistion that will whitely except the fruits of this effort in not income. The industry most increasingly face the hard feets of these agreesment trends and less its previous inhibitions in telling its stery to the American negate who descrid on it for adornate defense, swift transportation and a deep sense of national poldo--Robert Heev















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USAF Gears for Space Challenge

By Evert Clini

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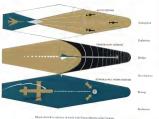
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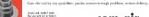


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ANADON WEEK March 2, 1955



SYSTEMS MOBILIT

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CREW-MILL" is the poly manufacturer of a covariety line of repediented products for chemical milling!





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REMEMBER, CLEMCO HYDRAULIC ACTUATORS ARE

CLINCO AIRO PRODUCTS. INC. ore furnishing the landers of



What's special about these couplings?

The special thing to remember about Irolted full career of standard sizes in available, and special designs out he reade carekly, or also metal. Weight savings are on the order of 60% under conventional designs, vet they

in reliability. Even if the bolt welasches or Telephone or write your nearest lawtool D. C., Pichelciphes, Columbus, Fort Worth,

WITROL





This precise electronic MDI features:



men water intermedition THE RALPH M. PARSONS COMPANY

ELECTRONICS DIVISION

PARAMI Miss Distance Indicator

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PARAMI

operates to any weather, at any

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SCOTISSORY | To 10 800" of tracks | + 2"S



A. O. Smith flash-welded and fusion-welded units have exceptional strength... can be furnished in sizes and configurations to meet your designs exactly





Man's a new opportunity to gain woder design istitude A. O. Strath one followate hydrocentry of the property trades (extinduced or updated) and pressure tools to practically any charaber size. A. O. Strath has produced tanks with generated minimum yield strengths of 190,000 psi... well thechrones how, 600°-,220°... damates over 50°... Marght to 18.

selloponents inclus tentiralizates yield strengths of \$10,000-225,000 pei are attainable to weld areas.

For details on the A. O. Smith brokhes and



AEROMANTICAL DIVISION Milesales I, Wisconse A + Sends Industrial I A. Milesans I, the ,

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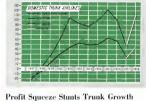


some like it cool



Our defence establishment dereards VERSATELITY ... they get it in the MC-1 and ful blower in the name model Harman Netson bester. In both cases, the Herman

CONFANY, INC., 3rd St. & 3rd Ave., Reck Island, St.



Washington-Deposite trealings the year face one of the most corrul periods in their history as a result of a severe modit sources that in 1997 Although the causes handled a second volume of passenger traffic in 1997. shorty pucked by a mountage expense level that waged 19% but your mere 1996. Not movies temploid to an extensive \$22.4 million from \$97

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KNATON WEEK, March 2, 1939.

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FAN AM BOEING 707



Comparative Direct Operating Costs

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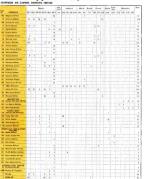
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Flag Lines Compete for Record Traffic

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DECITES, MANUFACTURING COMPANY, INC. CONTRACTOR OF THE APPLICANT WISCONSIN

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Over

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powering Vickers Viscounts in regular service an the air routes of six continents

Rolle-Royce Dart propriets have an unexcelled record of reliability in surine service and are currently operating at

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ANNATION WEEK, Harsh 3, 1918

Pioneer-Central Division



NEW "RUGGEDIZED" BENDIX OXYGEN CONVERTERS meet MIL-E-5272, Procedure I. othration resurrements

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Reduce cleaning costs and maintenance time with Wyandotte's aircraft-cleaning products

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Please send more information on the	following products
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CARRO continue had now bound \$15 miles. County on to \$50 miles to wide by \$500 on toward Air Cargo Scores Impressive Gains

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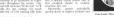
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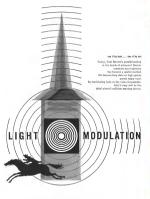
Child Number 122 on South Service Cond AVANTON WELL House 3, 1928



HOW TCA CHOSE THE VICKERS VANGUARD In announcing the decision of Trans-Canada Air Lines to surchase Mr. Sordon McGregor, President of TCA, said:

"Our decision to order the Varguers' seem after the most exhaustive equipment analysis over andoritaes by the company. The symistice was made over a period Here are the seven reasons ...









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Contributing to superb performance . . . excineered and built by Chandler-Evans are the many had menus for Boeler's EC-135.

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Power Struggles Affecting Research

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TEMPLET INDUSTRIES INCORPORATED 160 Flushing Avenue, Brooklyn S. N. Y.

New! Tolerance take-up compensates for cumulative tolerances





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AVAILON WEEK, Horeb J. 1881

WAP pumps provide safe, easy transfer of . . . Liamid Wissile Fuels



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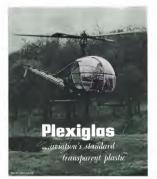
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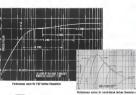




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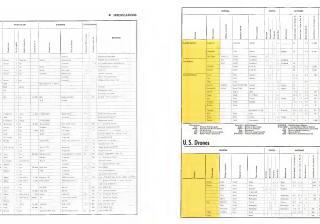
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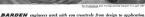
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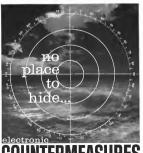
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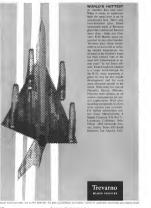
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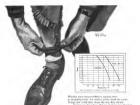
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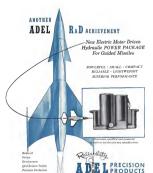


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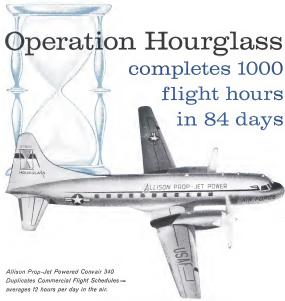
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